

Regularities of the Transition From Self-Inflammation
to Ignition, by A. G. Merzhanov, V. G. Abramov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 1, 1963,
pp 156-159.

CB

Sci

Jan 64

The Surface Properties of Melts Based
on CaF_2 , by Yu. Nikitin, V. G. Korachev,
and A. H. Safronnikov.
RUSSIAN, per, Akademiya Nauk SSSR. Doklady
Vol 148, No 1, 1963, pp. 160-1
NTC 69-10639-07D

Sci-Chem
July 69

386,714

Surface Properties of CaF_2 -Based Melts, by
Yu. P. Nikitin, V. G. Korpachev, et al, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 1,
1963, pp 160-161.

CB

Sci

Jan 64

Two-Dimensional Pressure, and the Capacity to Reduce
the Evaporation of Water of Monolayers of Mixtures of
Normal and Secondary Hexadecanols, by A. A. Tpeznikov,
V. A. Ogarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 1, 1963,
pp 162-165.

CB

Sci

Jan 64

The Ultraviolet Fluorescence of the Liver
Cells of Albino Rats During Embryonic Develop-
ment, By E. M. Pilshchik, M. V. Nikolayeva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section Vol CXLVIII, No 1, 1963,
pp 199-201.

CB

Sci

Apr 64

The Morphology of the Neurons and Their
Synaptic Connections in Auerbach's Plexus
of the Reptilian Stomach, by S. S. Reshetnikov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 202-205.

CB

Sci

Apr 64

Increase in the Morphine Content of
Polyploid Opium Poppies (*Papaver Somniferum* L),
by V. S. Andreyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 206-209.

CB

Sci

Apr 64

Utilization of Glycerin by Actinomyces
Aureofaciens LS-B-16, by V. N. Shaposhnikov,
V. G. Plakunova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 210-213.

CB

Sci

Apr 64

Application of Partial & Associations of
the Structure of Plant Communities, by
V. I. Vasilevich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 214-216.

CB

Sci

Apr 64

The Role of Oligosaccharides and Their
Dynamics in the Evaluation of Winter
Hardiness in Winter Wheat and Rye, by
M. I. Rybakova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 217-218.

CB

Sci

Apr 64

The Effect of Gibberellin on the Growth
of Grapes, by M. Kh. Chailakhyan,
M. M. ~~Saxi~~ Sarkisova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
i pp 219-222.

CB

Sci

Apr 64

The Role of the Plastic State Caused by
Denervation on the Reaction of the Muscle
to ~~ixx~~ Irradiation, by M. F. Popova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 223-226.

CB

Sci

Apr 64

The Use of Fluorometric Method For Studying
the Permeability of the Tissue-Blood Barriers,
by Yu. A. Vladimirov, F. F. Litvin, et al, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 227-230.

CB

Sci

Apr 64

Reflex Relationships Between the Mammary
Gland and the Liver, by I. I. Grachev,
Shih Chun-yuan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol. CXLVIII, No 1, 1963,
pp 231-234.

CB

Sci

Apr 64

Differential Growth of the Brain in the Dog
During Postnatal Ontogenesis, by N. I.
Dmitrieva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 235-237.

CB

Sci

apr 64

The Vanadium Concentration in the Blood
of Ascidella Aspersa, by V. V. Koval'skiy,
L. T. Rezayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 1, 1963,
pp 238-240.

CB

Sci

Apr 64

Swelling of Cotton Cellulose and Hydrate-
Cellulose in Water and Various Alcohols, by
Kh. Usmanov.
RUSSIAN, per, Doklady Akademii nauk Uz. SSR,
Vol. 20, No. 2, pp19-21, 1963
CSIRO/No. 6561

Sci -
Aug 67

335-747

A METHOD FOR CONVERTING A MULTIDIGIT CODE TO
A ONE DIGIT CODE, BY V. M. KHRAPCHENKO, 9 PP.

RUSSIAN, PER, DOKLADY AKADEMII NAUK SSSR,
VOL CXLVIII, NO 2, 1963, *pp 296-299.*

JPRS 18458

SCI - MATH & DATA PROCESSING
APR 63

*AIP
Sov Phys-Dok
Vol VII, No 1*

226,509

The Topological Structure of Space and the Mass
Spectrum of Elementary Particles, by I. G. Ivanter,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 2, 1963, pp 303-306.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci

A
ug 63

Inclusion of Coulomb Interaction Effects in the
Thermodynamics of Superconductivity, by V. A. Moskalenko
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, no X, 1963, pp 307-310.

2

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Theory of Double Compton Scattering by an Electron,
by N. F. Nelipa, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 2, 1963, pp 311-313.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Use of Cavity Resonators for Control of Liquid
Level, by L. G. Palevich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 2, 1963, pp 314-316.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Dependence of the Generation Thresholds of an
Optical Generator on the Properties of the Cavity,
by A. M. Samson, B. I. Stepanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 2, 1963, pp 317-320.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

A Certain Generalization of the Einstein Gravitation
Equations, by K. P. Stanyukovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 2, 1963, pp 321-324.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

The Structure of Steel After Low-Temperature
Thermomechanical Treatment, by V. A. Antonova,
L. M. Utevskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 2, 1963, pp 325-327.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

The Effect of Low-Melting Coatings on the Mechanical
Properties of Metals After Cyclic Heat Treatment,
by P. D. Novokreshchenov, N. V. Savchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 2, 1963, pp 328-~~XXXX~~ 331.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci

Aug 63

The Anisotropy of the Action of Electron and
Radiation on the Deformation of Zinc Single
Crystals in the Brittle State, by O. A. Troitskiy,
V. I. Likhtman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 2, 1963, pp 332-.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

New Data on C-Hydrocarbon Dehydrocyclization

by O. V. Bragin, A. L. Liberman.

RUSSIAN, per, Doklady Akad Nauk SSSR,

Vol CXLVIII, 1963, pp 338-341.

SLA TT 64-18775

May 67 325,048

The Ferromagnetism of Organic Structures, by
L. A. Blyumenfel'd, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 361-364.

CB

Sci

Jan 64

Ferrites of the $\text{MgO-MnO}_t\text{-Fe}_2\text{O}_3$ System Containing Added Sc_2O_3 -by D. E. ~~Bona~~ Bondarev, ~~ya~~ Yu. V. Basikhin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2, 1963, pp 365-368.

CB

Sci

Jan 64

Rubberlike Elasticity, Shear Strength and Development
of a Steady Viscous Flow in Fluid Polymers, by
G. V. Vinogradov, I. M. Belkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 369-372.

CB

Sci

Jan 64

The Effect of Impurities on the Vibrational Excitation
of Molecular Oxygen at High Temperatures, by N. A.
Generalov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 373-376.

CB

Sci

Jan 64

A New Type of Hydrogen Exchange During the Photolysis
of Some Organic Compounds, by M. G. Kuz'min,
I. V. Berezin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 377-

CB

Sci

Jan 64

Hot-Spot Explosion, by A. G. Merzhanov, V. V. Barzykin,
4 pp.

'RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 380-383.

CB

Sci

Jan 64

The Association Effect of Polybutadiene Macromolecules
in Various Solvents, by I. Ya. Poddubnyi, E. G. Erenburg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2, 1963,
pp 384-387.

CB

Sci

Jan 64

The Formation of Excited Formaldehyde Molecules During
Low-Temperature Oxidation of Acetaldehyde, by
V. F. Shuvalov, R. F. Vasil'ev, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2, 1963,
pp 388-390.

CB

Sci

Jan 64

The Formation of Sylvite in the Blast Furnace, by
L. I. Karyakin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1963, pp 391-393.

CB

Sci
Jan 64

Separation in Preparative Columns, by K. I. Sakodymchii,
S. A. Volkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2, 1963,
pp 394-396.

CB

Sci
Jan 64

Experimental Atherosclerosis in Guinea
Pigs, by R. S. Goryainova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 437-440.

CB

Sci

Apr 64

Identification of the Products Liberated by
the Oxidation of Glycerin by Actinomyces
Aureofaciens LS-B-16, by V. G. Plakunova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 445-447.

CB

Sci

Apr 64

Comparative Physiology of Strains of
Staphylococcus Aureus 209R. Resistant or
Sensitive to Tetracyclines, by V. N.
Shaposhnikov, V. K. Plakunov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 448-451.

CB

Sci

Apr 64

Stimulation of the Activity of Glutamic-Oxalic
Transaminase in the Experimental Myocardial
Infarct Zone, by Yu. V. Bukin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Biological
Sciences Section), Vol CXLVIII, No 2, 1963,
pp 452-455.

CB

Sci

Apr 64

Effect of Sowing Rates and Contact Between
Seeds During Swelling and Germination Upon
Survival and Productivity of Kochia, by
V. I. Svinarev, I. Khamdamov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol: CXLVIII, No 2, 1963,
1 pp 456-459.

CB

Sci

Apr 64

Rate of Photosynthesis Measured on Different
Sides of Tomato Leaves, by B. L. Dorokhov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 459, 460.

CB

Sci

Apr 64

Interaction of Heteroauxin and Gibberellin
in the Formation of Roots and Shoots of
Willow Cuttings, by R. Kh. Turetskaya,
V. I. Kefeli, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences, Section, Vol CXLVIII, No 2,
1963, pp 461-464.

CB

Sci

Apr 64

Cytochemical Reactions During Histogenesis
of Skin Wounds After Intramuscular Injection
of Leucocytic Factors, by N. V. Popova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 465-468.

CB

Sci

Apr 64

THE PROPERDIN CONTENT OF FISH, BY V. I.
LUK'YANENKO, G. A. MIKHEYEVA, 5 PP.

RUSSIAN, PER, DOKLADY AKADEMII NAUK SSSR,
VOL CXXXXVIII, NO 2, 1963, PP 469-472.

JPRS 20875

USSR
MED & BIOL
SEP 63

CB

342,917

The Direct and Transcommissural Reactive
Potentials of the Roof of the Frog Midbrain,
by Yu. B. Manteifel, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 2, 1963,
pp 473-476.

CB

Sci

Apr 64

Prilimak, E. Kh.
ELECTRON MICROSCOPIC INVESTIGATION OF THE
NEURAL ANLAGE IN EARLY STAGES OF
DEVELOPMENT (Elektronnomikroskopicheskoe
Issledovanie Nervnogo Zachatka Rannikh Stadii
Razvitiya). [1964] [16p] (foreign text included)
16refs FASEB Ms no.:S699-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-15503
figs available on loan from OTS

Trans. of Akademiya Nauk SSSR /Doklady/ 1963,
v. 148, no. 2, p. 477-480.

(Biological Sciences, TT, v. 12, no. 3)

TT-64-15503

- I. Prilimak, E. Kh.
- II. FASEB-S-699-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

A METHOD OF CONSTRUCTING AN ALGORITHM SIMULATING
A CERTAIN PRODUCTION PROCESS, BY I. S. LYUBCHENKO,
I. YE. MAYZLIN, 5 PP.

RUSSIAN, PER, DOK AKAD NAUK, SSSR, VOL CXLVIII,
NO 3, 1963, PP 538-540.

JPRS 19621

SCI - MISC, CYBERNETICS
JUN 63

232,491

AIP
Sov Phys-Dok
Vol VIII, No 1

Plasticity Bands During the Stretching of Plates
With a Crack-Shaped Concentrator, by M. Ya. Leonov,
P. M. Vitvitskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 541-544.

AIP
Sov Phys - Dok
Vol VIII, No 41

Sci
Aug 63

The Three-Dimensional Problem of Diffraction by
a Prism, by V. A. Borovikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 545-548.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Contribution to the Theory of Compensating Fields,
by G. A. Sokolik, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 549-551.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Determination of the Forces of Intermolecular
Interaction from Vibrational Relaxations in
Oxygen, by N. A. Generalov, S. A. Losev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 552-554.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

The Formation of $Zr^{97}Cl_4$ During the Moderation of
Fission Fragments in Chlorine-Containing Gases,
by I. Zvara, L. K. Tarasov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 555-557.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Combined Magnetic-Electric Dipole Transitions in
Spectra of Alkali Fluoride Crystals With Hexavalent
Uranium, by A. A. Kaplyanskiy, N. A. Moskvina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 558-561.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Analytic Properties of the Meson-Nucleon Vertex
Part and Scattering Amplitudes of Pseudoscalar Mesons
in Perturbation Theory, by M. A. Mestvirishvily,
I. T. Todorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 562-565.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Microwave Spectrum of the $F_2HC-CDHF$ Molecule, by
I. A. Mukhtarov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Physics Section),
Vol CXLVIII, No 3, 1963, pp 566-568.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

Potential Functions of the Molecules of the Homologous
Series $(CH_3)_nSiF_{4-n}$ ~~XXXX~~ ($n = 1-4$)., by
I. F. Kovalev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 569-572.

AIP

Sov Phys - Dok

Vol VIII, No 1

Sci

Aug 63

An X-ray Spectral Investigation of the Initial Stage
of Decomposition of a Solid Solution in an Fe-Ni-Al
Alloy, by Yu. A. Bagaryatskiy, I. G. Lukanina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 573-576.

AIP

Sov Phys - Dok

Vol VIII, No 1

* BISI 3630

Sci
Aug 63

POSSIBILITY OF LOWERING THE INJECTION ENERGY
IN ACCELERATORS AT SUPER-HIGH ENERGIES, BY
A. A. VASIL'YEV, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, TEKH FIZ,
VOL CXLVIII, NO 3, 1963, PP 577-580

JPRS 18723

SCI - ENGR

APR 63

AIP
Sov Phys - Dok
Vol VIII, No 1

228,677

Determination of the Surface Area of Fine Powders
by Gas Transmission at Low Pressures, by G. S. Khodakov,
4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 581-.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

HYDRODYNAMIC CALCULATION OF THE OROGRAPHIC
CLOUDINESS IN A STABLE AND UNSTABLE ATMOSPHERE,
BY KH. N. ZEYTUNYAN, 8 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLVIII,
NO 3, 1963, PP 585-588.

JPRS 19119

SCI-EARTH SCI & ASTRON
MAY. 63

229,974

On the Mechanism of Conduction in Organic Semiconductor
Polymers, by A. V. Airapetyants, R. M. Voitenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963,
pp 605-608.

CB

Sci

Jang

The Additivity of Free Energies of Activation of
Gaseous Free Radical Reactions, by I. V. Berezhina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 5, 1963
pp 609-612.

CB

Sci

Jan 64

The Influence of the Radioactive Radiation of Na_2WO_4
and Na_2SO_4 On the Phase Changes α Undergone by These
Compounds, by I. E. Mikhailenko, V. I. Spitsyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3,
1963, pp 613-616.

CB

Sci

Jan 64

The Dissolution and Passivation of Titanium in Sulfuric Acid With Polarization by Alternating Current, by Yu. N. Mikhailovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963, pp 617-619.

CB

Sci

Jan 64

The Kinetics of Photoconductivity in Acetylenic
Polymers, by V. S. Myl'nikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3,
1963, pp 620-623.

CB

wci

Jan 64

How the Crystal Structure of Isotactic Polymethyl
Methacrylate Shows up in Infrared Absorption
Spectra, by V. N. Nikitin, N. V. Mikhailova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3,
1963, pp 624-626.

CB

Sci

Jan 64

The Compensation Effect in the Electrical Conductivity of
Crystalline Polymeric Dielectrics, by B. I. Sazhin,
N. G. Podosenova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963,
pp 627-629.

CB

Sci

Jan 64

The Effect of Cadmium Ions on Adsorption of Hydrogen on a
Palladinized Platinum Electrode, by D. V. Sokol'dkiy,
N. A. Zakarina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963,
pp 630-632.

CB

Sci

Jan 64

Photochemical and Radiation-Chemical Reduction of Silver
Perchlorate in the Presence of Organic Substances, by
I. S. Shchegoleva, A. V. Egunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3,
1963, pp 633-636.

CB

Sci

Jan 64

The Effect of Nonionogenic Surfactants on the Stability
of a Polystyrene Latex Stabilized by Sodium Oleate,
by E. M. Aleksandrova, L. A. Shits, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963,
pp 637-640.

CB

Sci

Jan 64

Gulyaev, G. V., Kozlov, G. I., Polak, L. S.,
and others.
CONVERSION OF METHANE TO ACETYLENE IN
ARGON PLASMA-JET. 1964. 6p 4refs
Order from OTS, SLA, or ETC \$1.10 TT-64-119 '8

Trans. of Akademiya Nauk SSSR. Doklady 1963,
v. 148 (no. 3, p. 541-643).

NLL 777 375, 1964, (T-R-403+)

on 2/2/64

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-119 '8

I. Gulyaev, G. V.
II. Kozlov, G. I.
III. Polak, L. S.

Office of Technical Services

The Long-Term Strength of a Titanium Alloy Based on the
Compound Ti_3Al 8000, by I. I. Kornilov, T. T. Martova,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3,
1963, pp 644-646.

CB

Sci
Jan 64

Hydroxyethylation of Synthetic Alcohols to Improve the Properties of Monolayers Which Depress the Evaporation of Water, by V. A. Ogarev, A. A. Trapeznikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963, pp 647-650.

CB

Sci
Jan 64

The Mechanism of the Effect of Oleic Acid Oxidized by
Molecular Oxygen During the Selective Flotation of
Titanium-Zirconium Sands, by ~~XXXX~~ I. N. Plaksin,
S. N. Dorokhina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963,
pp 651-653.

CB

Sci
Jan 64

An Investigation of the Oxidation Conditions of Ferrous Sulfate and the Hydrolysis of the Oxidation Products in Autoclave Progresses, by I. F. Khudyakov, A. V. Klyueva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 3, 1963, pp 654-657.

CB

Sci
Jan 64

Euxenite et priorite, varietes polymorphes de
 $YNbTiO_6$, by A. I. Komrov, 4 pp.
RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXLVIII,
No 3, 1963, pp 679, 680.

Reverse Translation
CEA-~~XXR~~-1788

Sci
Dec 64

Overcoming a Universal Mutation Barrier
With Over 100% X-Chromosome Mutation, by
I. A. Rapoport, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 3, 1963,
pp 696-~~697~~.

CB

Sci

Apr 64

Role of State of Thyroid in Asthenic Syndrome After
Radiation Sickness, by V. A. Rezontov, M. A. Lagun,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 700-701.

AIP
Sov Phys - Dok
Vol VIII, No 1

Sci
Aug 63

CB

Determination of Spectral Sensitivity of Retinal
Receptors in Dichromats, by N. I. Speranskaya,

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVIII, No 3, 1963, pp 702-703.

AIP

Sov Phys - Dok

Vol VIII, No 1

Sci
Aug 63

CB

Combined Participation of Vitamin B₁₂ and Folic
Acid in Purine Synthesis, by L. Ya. Areshkina,
N. A. Andreeva, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR (Biological
Sciences Section), Vol CXLVIII, No 3, 1963,
pp 704-707.

CB

Sci

Apr 64

Anatomic Structure of $\times$ Sprouts of Conifers,
by G. P. Belostokov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 3, 1963,
pp 712-715.

CB

Sci

Apr 64

The Agonal Type of Respiration as Reflected
by Electrograms of the Medulla and the
Respiratory Muscles, by A. M. Gurvich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 3, 1963,
pp 716-719.

CB

Sci

Apr 64

Reaction of the Vascular and Tissue
Receptors of the Limb to the Action of
Vibron Septique Toxin (An Electro-
physiological Analysis, by S. V. Magayeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 3, 1963,
pp 720-723.

CB

Sci

Apr 64

Transmission of a State of Increased
Immunological Reactivity to Intact
Animals by Parabiosis and Transplantation
of Lymph Glands, by L. N. Fontalin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biological
Sciences Section, Vol CXLVIII, No 3, 1963,
pp 724- 727.

CB

Sci

Apr64